Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office

SEP 2 0 2001

Atty. Docket No.

AP30612-C - 072600.0193

Serial No. 09/777,120

INFORMATION DISCLOSURE STATEME BY APPLICANT

(Use several sheets if necessary)

Applicant Kaufman et al.

Filing Date February 5, 2001

Group 2876

U.S. PATENT DOCUMENTS

Exam. Init.	Do	cument	No.					Date	Name	Class	Subclass	Filing Date if Appropriate
S.A	4	7	5	1	6	4	3	06/14/88	Lorensen et al.			
	4	9	8	5	8	5	6	01/15/91	Kaufman			
	4	9	8	7	5	5	4	01/22/91	Kaufman			
	5	0	3	8	3	0	2	08/06/91	Kaufman		_	
	5	0	9	5	5	2	1	03/10/92	Trousset et al.			
	5	1	0	1	4	7	5	03/31/92	Kaufman	-		
	5	3	6	1	7	6	3	11/08/94	Kao et al.			
	5	3	7	1	7	7	8	12/06/94	Yanof et al.			
	5	4	4	2	7	3	3	08/15/95	Kaufman et al.			
	5	4	5	8	1	1	1	10/17/95	Coin		 -	
	5	6	1	1	0	2	5	03/11/97	Lorensen et al.	-	_	
	5	6	2	3	5	8	6	04/22/97	Höhne			
	5	6	3	0	0	3	4	05/13/97	Oikawa et al.			
	5	6	9	9	7	9	9	12/23/97	Xu et al.			
	5	7	3	4	3	8	4	03/31/98	Yanof et al.			
	5	7	8	2	7	6	2	07/21/98	Vining			
	5	9	7	1	7	6	7	10/26/99	Kaufman			
	5	9	8	6	6	6	2	11/16/99	Argiro et al.		To	
	6	1	3	0	6	7	1	10/10/00	Argiro	-	省	P.
	6	2	1	9	0	5	9	04/17/01	Argiro		X	THE STATE OF THE S
V	6	2	7	2	3	6	6	08/07/01	Vining		AL	2 777

NY02:343749.2

Examiner

Date Considered

6,29,03

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form	PTO-	1449	U.S.	Dep	artmen	t of C	Commer
(REV.	. 2-82)	Pa	tent	and	Tradem	ark	Office

Atty. Docket No. AP30612-C - 072600.0193 Serial No. 09/777,120

INFORMATION DISCLOSURE STATES
BY APPLICANT

(Use several sheets if necessary)

Applicant Kaufman et al.

Filing Date February 5, 2001

Group 2876

FOREIGN PATENT DOCUMENTS

S	.A				Document No.						Date Country		Class	Subclass	Translation No	•	
-1		_		9	6	1	3	2	0	7	05/09/96	WIPO	1	_			
T				9	8	1	1	5	2	4	03/19/98	WIPO				_	•
T				9	8	3	7	5	1	7	08/27/98	WIPO		-		_	-
				0	0	5	5	8	1	2	09/21/00	WIPO					•
V				0	0	5	5	8	1	4		WIPO					-
V															·		•

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.) Hong et al., "3D Virtual Colonoscopy," 1995 Biomedical Visualization Proceedings, pp. 26-32 and 83 (1995). Hong et al., "3D Reconstruction and Visualization of the Inner Surface of the Colon from Spiral CT Data," IEEE, pp. 1506-1510 (1997). William E. Lorensen, "The Exploration of Cross-Sectional Data with a Virtual Endoscope," Interactive Technology and the New Health Paradigm, IOS Press, pp. 221-230 (1995). Adam L. Penenberg, "From Stony Brook, a New Way to Examine Colons, Externally," The New York Times, p. 6 (1996). David J. Vining, "Virtual Colonoscopy," Advance for Administrators in Radiology, pp. 50-52 (1998). Zhou et al., "Three-Dimensional Skeleton and Centerline Generation Based on an Approximate Minimum Distance Field," The Visual Computer, 14:303-314 (1998) Liang Z et al., "Inclusion of a priori information in segmentation of colon lumen for 3D virtual colonscopy", 1997 IEEE Nuclear Science Symposium Conference Record, pp.1423-1427, vol. 2 Valev et al., "Techniques of CT colongraphy (virtual colonoscopy)", Critical Reviews in Biomedical Engineering, 1999, Begall House, vol. 27, no. 1-2, pp.1-25. NY02:343749.2 Examiner Date Considered 6,29,03

Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO (REV. 2-82	2) Patent and Trademark Office	2001 Sttty. Docket No. SAP30612-C - 072600.0193	Serial No. 09/777,120
INFOR	MATION DISCLOSURE STATEMEN BY APPLICANT	Applicant Kaufman et al.	
	(Use several sheets if necessary)	Filing Date February 5, 2001	Group 2876
S.A	Shibolet O et al., "Coloring voxel-based of Research Triangle, Oct. 1998	objects for virtual endoscopy", IEEE Symp	osium on Volume Visualization,
	Kaufman A., Wan M., "Disobstruction of January 1999.	Colon Wall Collapse", Project Description	n, online www.cs.sunysb.edu,
		sis of soft biological membrances: formula s and Engineering, vol. 132, no. 1-2, pp.45	
	Kaye J. et al., "A 3D virtual environment '97, pp.389-398, 1997.	for modeling mechanical cardiopulmonary	interactings", CVRMED-MRCA
	Burgard W. et al., "Active mobile robot lo workshop on advanced mobile robots, pp.	ocalization by entrophy minimization", Pro .155-162, 1997.	ceedings second euromicro
	Suya You et al., "Interactive volume rend 571.	lering for virtual colonoscopy", Proceeding	s Visualization '97, pp.433-436,
	Pai D.K. et al., "Multiresolution Rough To 14, no. 1, pp. 19-33, 1998.	errain Motion Planning", IEEE Transaction	ns on Robotics and Automatic, vol
	Hagen H. et al., "Methods for Surface Interpp. 187-193, 1990	errogation", Proceedings of the Conference	on Visulatization, vol. CONF 1,
	Chen et al., "A tree-branch searching, mu	ltiresolution approach to skeletonization fo	r virtual endoscopy"
	Liang Z. et al., "Feasibility Studies on Ext	tracting Bladder Wall from MR Images for	Virtual Cystoscopy",
	Chen et al., "Virtual Laryngoscopy: Feas: November 1999	ibility Studies by CT and MRI", IEEE Med	lical Imaging Conference,
Y02:343749.2	Chen et al., "A multi-scan MRI-based virt	tual cystoscopy",	RECEIVED SEP 27 2001
Examiner	Sin fan	e Considered	
	_		

Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	• •	OIPE		
Form P (REV. 2		U.S. Department of Commerce tent and Trademark Office SEP 20 2001	Atty. Docket No. AP30612-C - 072600.0193	Serial No. 09/777,120
INFO	ORMAT	TION DISCLOSURE STATEMENTS BY APPLICANT	Applicant Kaufman et al.	
	(Use	e several sheets if necessary)	Filing Date February 5, 2001	Group 2876
				th CDIF Co. C. P. L.
S.A		Chen et al., "MRI-Based Virtual Cystoscopy: 7 12-18, 2000.	ne image segmentation and visualiza	non", SPIE Conterence, February
S.A		Chen et al., "A Fast Algorithm to Generate Cer 2000.	nterline for Virtual Colonscopy", SPIE	E Conference, February 12-18,
S.A		Richard Robb, "Virtual (Computed) Endoscopy October 7-8, 1996. www.mayo.edu	y: Development and Evaluation Using	g the Visible Human Datasets",
1	• •			

RECEIVED
SEP 27 2001
TC STUD MAIL ROOM

NY	02:3	43	749 2

Examiner Sin har-

Date Considered

6.29,03

^{*} Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.